

CLAIMS

I claim:

1. A garage screen door system for screening off an entrance to a garage, the garage screen door system comprising:
 - a screen door member comprising a plurality of panels, each of said panels being hingably coupled to an adjacent one of said panels, said screen door member being adapted for being positioned proximate a garage door such that the garage door is positioned between said screen door member and the entrance to the garage when the garage door is in a closed position, said screen door member being adapted for permitting air flow into the garage when the garage door is in an open position; and
 - a pair of track members being positioned on opposing sides of said screen door member, each of said track members engaging a plurality of rollers rotatably coupled to said screen door member such that said track members are for guiding said screen door member when said screen door is moved from a lowered position to a raised position.

2. The garage screen door system as set forth in claim 1, further comprising:

a locking assembly being coupled to said screen door member, said locking assembly being adapted for selectively engaging the garage door such that said screen door is moved between the lowered position and the raised position when the garage door is moved between the closed position and the open position, said screen door member being adapted for being moved independently

of the garage door when said locking assembly is disengaged from the garage door.

3. The garage screen door system as set forth in claim 2, further comprising:

said locking assembly comprising a latching portion and a bracket portion, said latching portion being coupled to said screen door member such that said latching portion extends through said screen door member, said bracket portion being adapted for being coupled to the garage door, said latching portion selectively engaging said bracket portion such that said latching portion is adapted for securing said screen door member to the garage door.

4. The garage screen door system as set forth in claim 3, further comprising:

said latching portion of said locking assembly comprising a shaft member, a lock member and a handle member, said shaft member extending through said screen door member, said lock member being couple to said shaft member such that said lock member is adapted for being positioned between said screen door member and the garage door, said handle member is coupled to said shaft member opposite said lock member, said lock member selectively engaging said bracket portion for securing said screen door to the garage door when said handle member is actuated by the user.

5. The garage screen door system as set forth in claim 4, further comprising:

said bracket portion comprising a medial portion and a pair of end portions, each of said end portions being oppositely coupled to

said medial portion, said medial portion being adapted for being coupled to the garage door, each of said end portions comprising a channel such that said channel is adapted for being positioned against the garage door; and

 said lock member of said latching portion being substantially S-shaped such that opposing arms of said lock member are selectively inserted into said channels of said end portions of said bracket portion such that said opposing arms of said lock member are adapted for being secured between said end portions of said bracket portion and the garage door for securing said screen door member to the garage door when the user actuates said handle member of the locking assembly.

6. The garage screen door system as set forth in claim 5, further comprising:

 said lock member of said latching portion comprising a pair of tabs, each of said tabs outwardly extending from an associated one of said opposing arms of said lock member, said tabs of said lock member being selectively inserted into a pair of slots extending through said end portions of said bracket portion such that said tabs inhibit inadvertent disengagement of said lock member from said bracket portion when said opposing arms of said lock member are positioned in said channels of said end portions of said bracket portion.

7. The garage screen door system as set forth in claim 4, further comprising:

 said latching portion of said locking assembly comprising a biasing member, said biasing member being positioned between said handle member and a housing of said latching portion such that said

biasing member biases said handle member away from said screen door member to keep said lock member clear of said bracket portion when said lock member is disengaged from said bracket portion.

8. The garage screen door system as set forth in claim 1, further comprising:

a plurality of brush members being coupled to opposing side edges of said screen door member, each of said brush members extending between said screen door member and an associated one of the track member when said screen door member is in the lowered position such that said brush members are adapted for inhibiting foreign objects from entering the garage between said track members and said opposing side edges of said screen door member.

9. The garage screen door system as set forth in claim 1, further comprising:

a plurality of side seal members being coupled to said opposing side edges of said screen door member, each of said side seal members extending between said screen door member and the associated one of said track members whereby each of said side seal members abuts the associated one of said track members for inhibiting foreign objects from entering the garage between said track members and said opposing side edges of said screen door member.

10. The garage screen door system as set forth in claim 1, further comprising:

a flap member being hingably coupled to a top edge of said screen door member, said flap member being adapted for extending

between said top edge of said screen door member and the garage when said screen door member is in the lowered position such that said flap member is for inhibiting foreign objects from entering the garage between the garage and said top edge of said screen door member.

11. The garage screen door system as set forth in claim 1, further comprising:

a seal member being coupled to a bottom edge of said screen door member, said seal member being adapted for being positioned between said screen door member and a floor of the garage when said screen door is in the lowered position such that said seal member is for inhibiting foreign objects from entering the garage between the garage and said bottom edge of said screen door member.

12. The garage screen door system as set forth in claim 1, further comprising:

each of said panels of said screen door member comprising a plurality of mesh portions, each of said mesh portions being positioned along a length of the associated one of said panels, each of said mesh portions being adapted for permitting air to flow in and out of the garage while inhibiting foreign objects from entering the garage.

13. A garage screen door system for screening off an entrance to a garage, the garage screen door system comprising:

a screen door member comprising a plurality of panels, each of said panels being hingably coupled to an adjacent one of said panels, said screen door member being adapted for being positioned

proximate a garage door such that the garage door is positioned between said screen door member and the entrance to the garage when the garage door is in a closed position, said screen door member being adapted for permitting air flow into the garage when the garage door is in an open position;

a pair of track members being positioned on opposing sides of said screen door member, each of said track members engaging a plurality of rollers rotatably coupled to said screen door member such that said track members are for guiding said screen door member when said screen door is moved from a lowered position to a raised position;

a locking assembly being coupled to said screen door member, said locking assembly being adapted for selectively engaging the garage door such that said screen door is moved between the lowered position and the raised position when the garage door is moved between the closed position and the open position, said screen door member being adapted for being moved independently of the garage door when said locking assembly is disengaged from the garage door;

said locking assembly comprising a latching portion and a bracket portion, said latching portion being coupled to said screen door member such that said latching portion extends through said screen door member, said bracket portion being adapted for being coupled to the garage door, said latching portion selectively engaging said bracket portion such that said latching portion is adapted for securing said screen door member to the garage door;

said latching portion of said locking assembly comprising a shaft member, a lock member and a handle member, said shaft member extending through said screen door member, said lock member being coupled to said shaft member such that said lock

member is adapted for being positioned between said screen door member and the garage door, said handle member is coupled to said shaft member opposite said lock member, said lock member selectively engaging said bracket portion for securing said screen door to the garage door when said handle member is actuated by the user;

 said bracket portion comprising a medial portion and a pair of end portions, each of said end portions being oppositely coupled to said medial portion, said medial portion being adapted for being coupled to the garage door, each of said end portions comprising a channel such that said channel is adapted for being positioned against the garage door;

 said lock member of said latching portion being substantially S-shaped such that opposing arms of said lock member are selectively inserted into said channels of said end portions of said bracket portion such that said opposing arms of said lock member are adapted for being secured between said end portions of said bracket portion and the garage door for securing said screen door member to the garage door when the user actuates said handle member of the locking assembly;

 said lock member of said latching portion comprising a pair of tabs, each of said tabs outwardly extending from an associated one of said opposing arms of said lock member, said tabs of said lock member being selectively inserted into a pair of slots extending through said end portions of said bracket portion such that said tabs inhibit inadvertent disengagement of said lock member from said bracket portion when said opposing arms of said lock member are positioned in said channels of said end portions of said bracket portion;

said latching portion of said locking assembly comprising a biasing member, said biasing member being positioned between said handle member and a housing of said latching portion such that said biasing member biases said handle member away from said screen door member to keep said lock member clear of said bracket portion when said lock member is disengaged from said bracket portion;

a plurality of brush members being coupled to opposing side edges of said screen door member, each of said brush members extending between said screen door member and said track member when said screen door member is in the lowered position such that said brush members are adopted for inhibiting foreign objects from entering the garage between said track members and said opposing side edges of said screen door member;

a plurality of side seal members being coupled to said opposing side edges of said screen door member, each of said side seal members extending between said screen door member and the associated one of said track members whereby each of said side seal members abuts the associated one of said track members for inhibiting foreign objects from entering the garage between said track members and said opposing side edges of said screen door member;

a flap member being hingably coupled to a top edge of said screen door member, said flap member being adapted for extending between said top edge of said screen door member and the garage when said screen door member is in the lowered position such that said flap member is for inhibiting foreign objects from entering the garage between the garage and said top edge of said screen door member;

a seal member being coupled to a bottom edge of said screen door member, said seal member being adapted for being positioned

between said screen door member and a floor of the garage when said screen door is in the lowered position such that said seal member is for inhibiting foreign objects from entering the garage between the garage and said bottom edge of said screen door member; and

each of said panels of said screen door member comprising a plurality of mesh portions, each of said mesh portions being positioned along a length of the associated one of said panels, each of said mesh portions being adapted for permitting air to flow in and out of the garage while inhibiting foreign objects from entering the garage.